

200- AND 100-MB. CHARTS

Meteorological data for higher and higher levels of the atmosphere are becoming more plentiful and it is believed that sufficient data are now available to warrant a monthly analysis at 200- and 100-mb. levels. Therefore, beginning with this issue, 200- and 100-mb. charts will be included with the upper air mean charts at the end of each issue. These charts, XVI and XVII, are similar in all respects to Charts XII-XV except that there are no pibal winds at 200 and 100 mb.

IT SHOULD BE NOTED that with this issue there is a change in the manner of plotting the resultant winds on Charts XII-XVII. The winds shown in red are from rawin reports and are for the same level as the contours and isotherms. The winds in black are from pibal reports at 2100 GMT and are for the nearest standard height level. In addition, wind speeds are indicated in knots: a flag equals 50 knots, a full barb 10 knots, and half barb 5 knots.